

16638 U.S. PTO
111903Attorney Docket No. SAM-0505
PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

16834 U.S. PTO
10/71673NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Jin-ho Ryu, Choong-sun Shin and Yong-gyu Chu

For (title): CIRCUIT AND METHOD FOR
TRANSFORMING DATA
INPUT/OUTPUT FORMAT IN
PARALLEL BIT TEST

1. **Type of Application** This new application is for
a(n)

- Original (nonprovisional)
- Design
- Plant
- Divisional.
- Continuation.
- Continuation-in-part (C-I-P).

2. **Benefit of Prior Application(s)**

- The new application being transmitted claims the benefit of prior Korean application nos. 02-72477.
See Item 7.

3. **Papers Enclosed**

7 Pages of specification

2 Pages of claims

1 Page of Abstract

2 Sheets of drawings

formal

informal

1 Page of Cover Sheet

- The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

CERTIFICATE OF MAILING**37 C.F.R. § 1.10**

"Express Mail" Mailing Label Number EV322656627US
I hereby certify that this paper or fee is being deposited with the
United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above
and is addressed to Mail Stop Patent Application, Commissioner for
Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date: Nov 19, 2003Lisa Sanders

Lisa Sanders

LISA SANDERS

Print Name

4. Additional papers enclosed

- Preliminary Amendment
- Information Disclosure Statement (37 C.F.R. 1.98)
- Form PTO-1449 (PTO/SB/08A and 08B)
- Copies of cited references
- Declaration of Biological Deposit
- Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- Authorization of Attorney(s) to Accept and Follow Instructions from Representative
- Special Comments
- Other: Return Postcard.

5. Declaration or oath

- Enclosed
 - Unexecuted
 - Executed by
 - inventors
 - legal representative of inventor(s).
37 CFR 1.42 or 1.43.
 - joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
 - This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 12 below for fee.
 - Not Enclosed
- Application is made by a person authorized under 37 C.F.R. 1.41 (c) on behalf of all the above named inventor(s).
 - Showing that the filing is authorized.

6. Assignment

- An assignment of the invention to _____
 - is attached. A separate "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or FORM PTO 1595 is also attached.
 - will follow.

7. Certified Copy

Certified copy(ies) of application(s):

<u>Korea</u>	<u>02-72477</u>	<u>November 20, 2002</u>
Country	Appln. no.	Filed

Country	Appln. no.	Filed
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Country	Appln. no.	Filed
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from which priority is claimed

is (are) attached.
 will follow.

8. Fee Calculation (37 C.F.R. 1.16)

CLAIMS AS FILED

	Number filed	Number Extra	Rate	Basic Fee
				37 C.F.R. 1.16(a)
Total				<u>\$770.00</u>
Claims (37 CFR 1.16(c))	7	- 20 =	0	\$ 18.00
Independent				
Claims (37 CFR 1.16(b))	2	- 3 =	0	<u>\$ 86.00</u>
Multiple dependent claim(s), if any (37 CFR 1.16(d))		+		\$290.00

A Preliminary Amendment is enclosed. The filing fee is calculated based on the status and number of claims remaining after entry of the Preliminary Amendment.
 Amendment deleting multiple-dependencies is enclosed.
 Fee for extra claims is not being paid at this time.

Filing Fee Calculation **\$770.00**

9. Fee Payment Being Made at This Time

Not Enclosed

No filing fee is to be paid at this time.

(This and the surcharge required by 37 C.F.R. 1.16(e) can be paid subsequently.)

Enclosed

Basic filing fee \$ 770.00

Recording assignment
(\$40.00; 37 C.F.R. 1.21(h))
(See attached "COVER SHEET FOR ASSIGNMENT
ACCOMPANYING NEW APPLICATION".) \$ 40.00

Total fees enclosed **\$ 810.00**

10. Method of Payment of Fees

Checks in the amounts of \$ 770.00, 40.00

Charge Account No. 50-1798 in the amount of \$ _____
A duplicate of this transmittal is attached.

11. Authorization to Charge Additional Fees

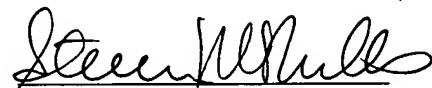
The Commissioner is hereby authorized to charge the following additional fees during the entire pendency of this application to Account No. 50-1798.

37 C.F.R. 1.16(a), (f) or (g) (filing fees)
 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)
 37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
 37 C.F.R. 1.17 (application processing fees)
 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))

12. Instructions as to Overpayment

Credit Account No. 50-1798
 Refund

Respectfully submitted,



Steven M. Mills
Registration Number 36,610
Attorney for Applicants

Date: November 19, 2003
MILLS & ONELLO LLP
Eleven Beacon Street, Suite 605
Boston, MA 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774

PATENT
Attorney Docket No. SAM-0505
Customer No.: 29344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jin-ho Ryu, et al.
Filing Date: Herewith
Title: CIRCUIT AND METHOD FOR TRANSFORMING DATA
INPUT/OUTPUT FORMAT IN PARALLEL BIT TEST

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

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Nov. 19, 2003

Date

Lisa Sanders

Lisa Sanders

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. New Application Transmittal;
2. New Patent Application;
3. Unexecuted Declaration, Petition and Power of Attorney;
4. Two (2) Sheets of Formal Drawings (Figures 1-3);
5. Certified Copy of Priority Document - Korean Application No. 02-72477;
6. Check in the amount of \$770.00 to cover application filing fee; and
7. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Steven M. Mills

Steven M. Mills
Registration Number 36,610
Attorney for Applicants

Date: November 19, 2003
Mills & Onello LLP
Eleven Beacon Street, Suite 605
Boston, MA 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774
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